



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1321

SERIAL NUMBER 10/609,505	FILING DATE 06/30/2003  RULE	CLASS 438	GROUP ART UNIT 1765	ATTORNEY DOCKET NO. 30205/39439
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

## APPLICANTS

Pan Ki Kwon, Gyeonggi-do, KOREA, REPUBLIC OF;

Sang Ick Lee, Gyeonggi-do, KOREA, REPUBLIC OF;

\*\* CONTINUING DATA \*\*\*\*\* NONE LV

\*\* FOREIGN APPLICATIONS \*\*\*\*\* YES LV  
 REPUBLIC OF KOREA 2002-42683 07/19/2002

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 09/25/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: LV	STATE OR COUNTRY KOREA, REPUBLIC OF	SHEETS DRAWING 8	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 2
--	---	------------------------	-----------------------	----------------------------

## ADDRESS

04743  
 MARSHALL, GERSTEIN & BORUN LLP  
 233 S. WACKER DRIVE, SUITE 6300  
 SEARS TOWER  
 CHICAGO, IL  
 60606

## TITLE

Methods for manufacturing contact plugs for semiconductor devices

FILING FEE	FEES: Authority has been given in Paper	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of
------------	---	---